TABLE 3-1
PREVIOUSLY RECORDED CULTURAL RESOURCES ON CARMEL MOUNTAIN PRESERVE

CA-SDI-	SDM-W-	Site Description	Site Recorded	Reference
	379	Listed as destroyed during a field survey in 1990 by SRS		Whitney-Desautels 1993
4904	2174	Lithics, milling, and cobble features, tested by Eighmey 1993, significant		Eighmey 1994a
11726		150+ debitage, 15 FLA*, tested by Eighmey in 1993, significant		Eighmey 1994b
11724H	4449	Historic homestead site, tested by Eighmey 1993, significant		Eighmey 1994b
11728		Lithic scatter, manos, determined not significant, Eighmey 1993		Eighmey 1994b
11729	4453	3 loci, debitage, fla, chipping sta., determined not significant by Eighmey 1993		Eighmey 1994b
11730		Flaking station, 15 debitage, 3 cores, not relocated in 1993		Eighmey 1994b
11731		Lithic quarry and reduction, tested by Eighmey in 1993, not significant		Eighmey 1994b
11732		Lithic quarry, tested by Eighmey in 1993, not significant		Eighmey 1994b
11733		Light lithic scatter, tested by Eighmey 1993, not significant		Eighmey 1994b
11734		Light lithic scatter, tested by Eighmey 1993, not significant		Eighmey 1994b
10218	3614	Artifact scatter, 2 loci. Locus A tested by Cheever in 1992, locus B tested in 1992, both not significant		Cheever 1992; Gallegos 1992
11700		Light lithic scatter, cobble hearth	Pignolo 3/90	
11701		Camp, 2 hearths, debitage, 2 cores	Pignolo 3/90	
11702		Light lithic scatter, 2 cores, 15+ debitage	Pignolo 3/90	
11725		Camp, flas, manos, cobble hearth, determined not significant, Eighmey 1993		Eighmey 1994b
11727		Flaking station, 25+ debitage, not relocated by Eighmey 1993		Eighmey 1994b
11696		Hearths, FLAs, ground stone, shell	Pignolo 3/90	
11697	4461	Light lithic scatter, 5+ core tools, 5+ debitage	Pignolo 3/90	
11698	4462	Light lithic scatter, 2 cores, 5+ debitage	Pignolo 3/90	
11699	4463	Historic grave and marker, picket fence	Pignolo 3/90	
9089	378/379	Small shell midden, mano fragments, fire-affected rock, inaccurate mapping, may be outside project, mitigated by SRS in 1993		Whitney-Desautels 1993
4905	2175	Series of isolates, mitigated in 1978 by Norwood		Norwood 1978
11695	4459	Cobble hearth, 1 core, 3 debitage	Pignolo 3/90	
14523		Lithic scatter, 3 loci, cores, debitage, 2 mano fragments, mitigated in 1997 by Wade		Wade 1997
12939		Light lithic scatter, mitigated in 1992 by Saunders		Saunders 1992

*FLA = Flaked lithic artifact

TABLE 3-3
RECORDED CULTURAL RESOURCES IN DEL MAR MESA PRESERVE

CA-SDI	SDM-W	P-37-	Site Description	Site Recorded	Report Reference
10137	3568		3 chipping stations, 11 cores, 36+ flakes	Oct. 1995	Gallegos & Assoc. 1995
10305	3687		Light lithic scatter, a few cores, updated in 2000	Oct. 1995	Gallegos & Assoc. 1995
14119	6596		Light lithic scatter, 4 cores, 5+ flakes, disturbed by grading	Oct. 1995	Gallegos & Assoc. 1995
14121	6598		Sparse lithic scatter (FLAs*, milling, a few flakes)	Oct. 1995	Gallegos & Assoc. 1995
14122	6599		Cobble quarry site, cores and flakes	Oct. 1995	Gallegos & Assoc. 1995
14123	6600		Chipping station, 3 cores, 12+ flakes	Oct. 1995	Gallegos & Assoc. 1995
14124	6601		Lithic scatter with chipping station, several cores, 24+ flakes	Oct. 1995	Gallegos & Assoc. 1995
14125	6602		Light lithic scatter, 3 cores and numerous flakes	Oct. 1995	Gallegos & Assoc. 1995
14126	6603		Sparse lithic scatter, cores, biface frag. flakes	Oct. 1995	Gallegos & Assoc. 1995
14127	6604		Chipping station, 5 cores, 12+ flakes	Oct. 1995	Gallegos & Assoc. 1995
14128	6605		Sparse lithic scatter, cores and flakes	Oct. 1995	Gallegos & Assoc. 1995
14129	6606		Sparse lithic scatter, cores and flakes	Oct. 1995	Gallegos & Assoc. 1995
14130	6607		Sparse lithic scatter, 3 cores, 6+ flakes	Oct. 1995	Gallegos & Assoc. 1995
14131	6608		Flaking station, 2 cores, 3+ flakes	Oct. 1995	Gallegos & Assoc. 1995
14132	6609		Sparse lithic scatter, 2 cores, 2 fla, 30+ flakes	Oct. 1995	Gallegos & Assoc. 1995
14133	6610		Sparse lithic scatter, 3 cores, 1 preform, 15+ debitage	Oct. 1995	Gallegos & Assoc. 1995
14134	6611		Sparse lithic scatter, 1 core, 2 tools, 1 flake	Oct. 1995	Gallegos & Assoc. 1995
14135	6612		Sparse lithic scatter, 2 cores, 2 flakes	Oct. 1995	Gallegos & Assoc. 1995
14136	6613		Chipping station, 1 core, 5 flakes	Oct. 1995	Gallegos & Assoc. 1995
14137	6614		Sparse lithic scatter, 2 flaked lithic artifacts	Oct. 1995	Gallegos & Assoc. 1995
14138	6615		Sparse lithic scatter, cores and flakes	Oct. 1995	Gallegos & Assoc. 1995
14139	6616		Sparse lithic scatter, cores, hammerstone, flakes	Oct. 1995	Gallegos & Assoc. 1995
11909	6721		Lithic scatter, collected and tested by B. Smith in 1990	1990	Smith 1990
10138A-B	3569A-B		Recorded as lithic scatter, destroyed by 1993		Gallegos & Assoc. 1993
13077H			3 cobble features (possible foundation), evaluated by Schaeffer 1998	Feb. 1993	Schaeffer 1998
14147H	6620		Trash deposit and possible foundation	Oct. 1995	Gallegos & Assoc. 1995

TABLE 3-3
RECORDED CULTURAL RESOURCES IN DEL MAR MESA PRESERVE
(continued)

CA-SDI	SDM-W	P-37-	Site Description	Site Recorded	Report Reference
	5424		Isolate, broken point	1992	Gallegos & Assoc. 1992
	6547	14177	Isolate, 2 flakes	July 1995	Gallegos & Assoc. 1995
	6636		Just outside west boundary, isolated flake	Oct. 1995	Gallegos & Assoc. 1995
	6637	14510	Isolated quartzite core	Oct. 1995	Gallegos & Assoc. 1995
	6638	14511	Isolated flake	Oct. 1995	Gallegos & Assoc. 1995
	6643	14516	Isolate, 2 flakes	Oct. 1995	Gallegos & Assoc. 1995
	6644	14517	Isolate, 1 core	Oct. 1995	Gallegos & Assoc. 1995
	6645	14518	Isolate, 2 quartzite cores	Oct. 1995	Gallegos & Assoc. 1995
	6646	14519	Isolate, 1 core, 1 core/scraper	Oct. 1995	Gallegos & Assoc. 1995
	6647	14520	Isolate, flake and scraper	Oct. 1995	Gallegos & Assoc. 1995
	6648	14521	Isolate, 1 quartzite core	Oct. 1995	Gallegos & Assoc. 1995
	6649	14522	Isolated core	Oct. 1995	Gallegos & Assoc. 1995

*FLA = Flaked lithic artifact

TABLE 6-1
PRESERVE MAINTENANCE SCHEDULE

Task	Schedule
Restroom cleaning (if they are installed)	As needed, as determined by park staff.
Litter control	Twice per week in parking lots and picnic areas; annual cleanup in other areas; and special volunteer projects for litter and illegal encampment removal as needed.
Illegally dumped material removal	As soon as possible where needed.
Manure removal from equestrian trails and parking lots	As soon as possible where needed.
Graffiti removal	As soon as possible from preserve facilities.
Maintenance and installation of gates, chains, and locks	As needed to prevent illegal entrance (coordinate with SDG&E, agencies, private landowners, and other entities that may need access).
Sign replacement, repair, and cleaning	As needed.
Picnic areas vegetation maintenance if picnic areas are designated at the preserves – flail, mow, and weed to prevent fire and safety hazards	In the spring after native plants go to seed (April - June).
Safety hazard removal (such as fallen trees or hanging shrub limbs along the trails)	Remove and place as needed.
Improper or illegal public activity removal (such as transient encampments; private encroachments on public land; tree houses, swings, or ropes in trees)	As needed.
Exotic, nonnative plant removal	As and where needed, by City staff or volunteers trained or supervised by City staff. Coordination with other agencies conducting similar activities in the area is desirable for optimum effectiveness.
Brush removal and thinning within 100 feet from structures within preserves, per City of San Diego Municipal Code 142.0412 to address Category I fire hazards	As need based on an annual evaluation.
Trail maintenance	Major repairs once per year after the end of the rainy season; minor repairs throughout the year as needed.
Hazardous material removal	When identified, hazardous materials should be removed per approved procedures. Contact the City of San Diego Environmental Services Department hazardous materials team for details.
Parking lot maintenance	Parking areas maintained and repaired once per year after rainy season.
Sewer line and access road service (City of San Diego Metropolitan Wastewater Department), if they are installed at the preserves – service manholes, monitor and maintain sewer lines and access roads	Once per year or according to existing MWWD schedule. Emergency repairs should be conducted as soon as possible.
Power line and right-of-way maintenance (SDG&E)	General maintenance once per year. Emergency repairs as soon as possible.

TABLE A6-2
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE CARMEL MOUNTAIN PRESERVE

Vernal Pool No.	Problems/Comments/ Recommendations	Sensitive Species Present	Hand Tools	Heavy Equipment
1	Vernal pool inside road, recontour. *Revised mapping by RECON. On SDG&E access road.			√
2	Vernal pool inside road, recontour. *Revised mapping by RECON. On SDG&E access road.			√
3	Vernal pool inside road, recontour. *Revised mapping by RECON. On SDG&E access road.	*Branchinecta*		√
4	*Vernal pool was not located, as mapped by City of San Diego. On SDG&E access road.			√
5	Close the road, weed. *Revised mapping by RECON.			√
6	Vernal Pool inside road. Close the road, recontour. *Revised mapping by RECON.			√
7	*Vernal Pool was not located, as mapped by City of San Diego.			
8	Vernal pool inside road, recontour and weed. *Revised mapping by RECON.			√
9	Recontour and weed. *Revised mapping by RECON.		√	
10	Recontour and weed, many road ruts in the pool. *Revised mapping by RECON.		√	√
11	Vernal pool inside road, recontour. Currently on private land, and SDG&E access road.			√
12	Weeding is needed.			√
13	Weeding is needed. *Currently on private land.			
14	Weeding is needed.			
15	Weeding is needed. *Currently on private land.			
16	Weed and recontour. *Currently on private land.		√	
17	Weed and recontour. *Currently on private land.		√	
18	Vernal pool inside road, recontour and weed. *Revised mapping by RECON.			√
19	Vernal pool inside road, recontour and weed. *Revised mapping by RECON.			√

TABLE A6-2
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE CARMEL MOUNTAIN PRESERVE
(continued)

Vernal Pool No.	Problems/Comments/ Recommendations	Sensitive Species Present	Hand Tools	Heavy Equipment
20	Weed and recontour, tire tracks in pool.		√	
21	Weed and recontour, tire tracks in pool.			√
22	Close the trail, and weed. Remove nearby trash. *Revised mapping by RECON.			
23	Weeding. *Revised mapping by RECON.			
24	Close the foot trail, and weed. *Revised mapping by RECON.			
25	Weed and recontour. Gopher activity present.		√	
26	Weed and recontour. Gopher activity present.		√	
27	Weed and recontour.		√	
28	Weed and recontour, tire tracks in pool.		√	
29	Weed and remove nearby trash.			
30	Vernal pool inside road, recontour. *Revised mapping by RECON.			√
31	Vernal pool inside road, recontour and weed. *Revised mapping by RECON.			√
32	Weed and recontour.		√	
33	Weed and recontour.		√	
34	Weed and recontour.		√	
35	Weed and recontour.		√	
36	Weed and recontour.		√	
37	Close the foot trail, and weed.			
38	Weed and recontour. *Revised mapping by RECON.			√
39	Weed and recontour.		√	
40	Weed.			
41	Close trail and weed.			
42	Weed. *Revised mapping by RECON.		√	
43	Close trail and weed. Heavy gopher activity.			
44	Close trail and weed. Heavy gopher activity.			

TABLE A6-2
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE CARMEL MOUNTAIN PRESERVE
(continued)

Vernal Pool No.	Problems/Comments/ Recommendations	Sensitive Species Present	Hand Tools	Heavy Equipment
45	Weed. Vernal pool within large meadow of *Juncus* sp*, Hemizonia fasciculatum,* and *Sysrinchium bellum.*			
46	Weed and recontour. Vernal pool within large meadow of *Juncus* sp*, Hemizonia fasciculatum,* and *Sysrinchium bellum.*		√	
47	Weed. Vernal pool next to road.			
48	Weed. *Revised mapping by RECON.			
49	Vernal pool in road, recontour.			√
50	Vernal pool in road, recontour. *Revised mapping by RECON.			√
51	Weed within the vernal pool.			
52	Weed within the vernal pool.			
53	*Unable to relocate vernal pool.			
54	*Unable to relocate vernal pool.			
55	Weeding.			
56	*Unable to relocate vernal pool.			
57	Vernal pool in road, recontour. *Revised mapping by RECON.			√
58	Vernal pool in road, recontour. *Revised mapping by RECON. Trim shrubs east side of pool.			√
59	Vernal pool in road, recontour. *Revised mapping by RECON. Trim shrubs west side of pool.			√
60	No restoration.			
61	Recontour. *Revised mapping by RECON.			√
62	Close trail. *Revised mapping by RECON.			√
63	Vernal pool in trail. *Revised mapping by RECON.			
64	Seep. *Revised mapping by RECON.			
65	Seep. *Revised mapping by RECON.			
66	Vernal pool in road, recontour. *Revised mapping by RECON.			√
67	Bulldozed. No longer intact.			
68	Recontour. *Revised mapping by RECON.			√

TABLE A6-1
VERNAL POOL PLANT INDICATOR SPECIES FOR THE CARMEL MOUNTAIN PRESERVE

Plant Species	Type
Orcutt's brodiaea *Brodiaea orcuttii*	Annual, vernal pools and foothill springs
Water-starwort *Callitriche marginata*	Annual, vernal pools and moist openings
Chaffweed *Centunculus minimus*	Annual, vernal pool specialist in region
Stone-crop *Crassula aquatica*	Annual, vernal pools and ephemeral wetlands
Waterwort *Elatine sp.*	Annual, ephemeral wetlands, muddy shores
Pale spikerush *Eleocharis macrostachya*	Perennial, ephemeral wetlands
Mariposa rush *Juncus dubius*	Perennial, wet places
Toad rush *Juncus bufonius*	Annual, weedy native of ephemeral wetlands
Rush *Juncus triformes*	Annual, vernal pools and ephemeral wetlands
Flowering quillwort *Lilaea scilloides*	Annual, ephemeral wetlands, streams & lake edges
Grass poly *Lythrum hyssopifolia*	Annual, wet habitats
Water chickweed *Montia fontana*	Annual, vernal pool specialist in region
California adder's tongue *Ophioglossum californicum*	Annual, vernal pools and chaparral
Hooked navarretia *Navarretia hamata*	Annual, vernal pool specialist in region
Lemon canary grass *Phalaris lemmonii*	Annual, moist areas
Adobe allocarya *Plagiobothrys acanthocarpus*	Annual, shallow vernal pools and moist openings
Plantain *Plantago elongata*	Annual, vernal pools, saline and alkaline places
Dot-seed plantain *Plantago erecta*	Annual, shallow vernal pools and moist openings
Dwarf woolly-heads *Psilocarphus brevissimus*	Annual, vernal pool specialist
Woolly-heads *Psilocarphus tenellus*	Annual, vernal pool specialist
Bladder clover *Trifolium depaupertaum* var. *amplectans*	Annual, wet meadows, open alkaline or spring-moist heavy soils

SOURCE: RECON 1994 and Bauder and McMillan 1996.

NOTE: Vascular plant species known to occupy natural vernal pools in the Carmel Mountain region. Species identified as "vernal pool specialists" are found almost exclusively in natural vernal pools in the region.

TABLE A6-2
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE CARMEL MOUNTAIN PRESERVE
(continued)

Vernal Pool No.	Problems/Comments/ Recommendations	Sensitive Species Present	Hand Tools	Heavy Equipment
68A	Recontour. *Revised mapping by RECON.			√
68B	Recontour. *Revised mapping by RECON.			√
69	Recontour. *Revised mapping by RECON.		√	
70	Weed pool.			
71	Close trail. Recontour and weed.			√
72	Close trail. Recontour and weed.			√
73	Close trail. Recontour and weed.			√
74	Recontour and weed, tire tracks present.		√	
75	Recontour and weed, tire tracks present. *Revised mapping by RECON.		√	
76	Recontour. *Revised mapping by RECON.			√
76A	Recontour. *Revised mapping by RECON.	*Branchinecta*		√
77	Recontour. *Revised mapping by RECON.	*Branchinecta*		√
78	Recontour and weed. *Mapped by RECON.		√	
79	Recontour and weed, tire ruts present. *Mapped by RECON.		√	
80	Recontour and weed. *Mapped by RECON.		√	
81	Recontour and weed. *Mapped by RECON.		√	
82	Recontour and weed. *Mapped by RECON.		√	
83	Seep. *Mapped by Helix Environmental Inc.			
84	Not relocated. *Mapped by Helix Environmental Inc.			
85	Not relocated. *Mapped by Helix Environmental Inc. Revised by RECON, smaller pools combined into one.			
86	Not relocated. *Mapped by Helix Environmental Inc.			

TABLE A6-2
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE CARMEL MOUNTAIN PRESERVE
(continued)

Vernal Pool No.	Problems/Comments/ Recommendations	Sensitive Species Present	Hand Tools	Heavy Equipment
87	Not relocated. *Mapped by Helix Environmental Inc.			
88	Not relocated. *Mapped by Helix Environmental Inc.			
89	Not relocated. *Mapped by Helix Environmental Inc. Revised by RECON, smaller pools combined into one.			
90	Not relocated. *Mapped by Helix Environmental Inc.			
91	Not relocated. *Mapped by Helix Environmental Inc.			
92	Not relocated. *Mapped by Helix Environmental Inc. Revised by RECON, smaller pools combined into one.			
93	Not relocated. *Mapped by Helix Environmental Inc.			

*Mapped vernal pool locations have been provided by the City of San Diego, RECON, and Helix Environmental Inc. Vernal Pools that have been revised, remapped, or added by RECON have been denoted. Restoration on those vernal pools which are located on private land would occur pending land acquisition. Restoration of vernal pools located on SDG&E access roads would occur if they are no longer in use, or if other access roads can be used on the Preserve.

TABLE A6-3
VERNAL POOL PLANT INDICATOR SPECIES FOR DEL MAR MESA PRESERVE

Plant Species	Type
Orcutt's brodiaea *Brodiaea orcuttii*	Annual; vernal pools and foothill springs
Water-starwort *Callitriche marginata*	Annual; vernal pools and moist openings
Chaffweed *Centunculus minimus*	Annual; vernal pool specialist in region
Stone-crop *Crassula aquatica*	Annual; vernal pools and ephemeral wetlands
Annual hairgrass *Deschampsia danthonioides*	Annual; vernal pool specialist in region
Downingia *Downingia cuspidata*	Annual; vernal pool specialist
Waterwort *Elatine brachysperma*	Annual; ephemeral wetlands, muddy shores
Waterwort *Elatine californica*	Annual; ephemeral wetlands, muddy shores
Slender spikerush *Eleocharis acicularis* var. *acicularis*	Perennial; ephemeral wetlands
Pale spikerush *Eleocharis macrostachya*	Perennial; ephemeral wetlands
San Diego button celery *Eryngium aristulatum* var. *parishii*	Perennial; vernal pool specialist in region
Howell quillwort *Isoetes howellii*	Annual; vernal pool specialist
Orcutt quillwort *Isoetes orcuttii*	Annual; vernal pool specialist
Toad rush *Juncus bufonius*	Annual; weedy native of ephemeral wetlands
Flowering quillwort *Lilaea scilloides*	Annual; ephemeral wetlands, streams & lake edges
Grass poly *Lythrum hyssopifolia*	Annual; wet habitats
Candy-flower *Montia fontana*	Annual; vernal pool specialist in region
Little mouse tails *Myosurus minimus*	Annual; vernal pool specialist in region
Spreading navarretia *Navarretia fossalis*	Annual; vernal pool specialist in region
Hooked navarretia *Navarretia hamata*	Annual; vernal pool specialist in region
Lemon canary grass *Phalaris lemmonii*	Annual; moist areas
Pill-wort *Pilularia americana*	Perennial; ephemeral wetlands
Adobe allocarya *Plagiobothrys acanthocarpus*	Annual; shallow vernal pools and moist openings

TABLE A6-3
VERNAL POOL PLANT INDICATOR SPECIES FOR DEL MAR MESA PRESERVE
(continued)

Plant Species	Type
Plantain *Plantago elongata*	Annual; vernal pools, saline and alkaline places
Dot-seed plantain *Plantago erecta*	Annual; shallow vernal pools and moist openings
San Diego Mesa mint *Pogogyne abramsii*	Annual; vernal pool specialist
Dwarf woolly-heads *Psilocarphus brevissimus*	Annual; vernal pool specialist
Woolly-heads *Psilocarphus tenellus*	Annual; vernal pool specialist
Bladder clover *Trifolium depaupertaum* var. *amplectans*	Annual; wet meadows, open alkaline or spring-moist heavy soils

SOURCE: Bauder and McMillan 1996.

NOTE: Vascular plant species known to occupy natural vernal pools in the Del Mar Mesa Preserve region. Species identified as “vernal pool specialists” are found almost exclusively in natural vernal pools in the region.

TABLE A6-4
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE DEL MAR MESA PRESERVE

Vernal Pool No.	Problems/Comments	Sensitive Species Present	Hand Tools	Heavy Equipment
1	Close trail to pool.	*Eryngium aristulatum* var. *parishii*		
2	Minor road rut repair with hand tools.		√	
3	Smooth rough spots and trail/road rut ridges going through pool. Adjacent weedy areas.		√	
4	Enlarge pool. Remove weedy fill east of pool. Weedy area on east boundary.	*Eryngium aristulatum* var. *parishii*		√
5	Enlarge pool. Remove weedy fill east of pool.			√
6	Enlarge pool. Weed around pool.			√
7	Enlarge and recontour pool.	Immature fairy shrimp observed		√
8	Remove fencing and combine with existing adjacent pools to north/south.	Immature fairy shrimp observed		√
9	Enlarge pool. Remove road ruts and weed. Remove fencing on southside of road and connect with adjacent existing pools.	Immature fairy shrimp observed *Eryngium Aristulatum* var. *parishii*	√	√
10	Recontour and weed pool. Remove fence and connect with adjacent existing pools to south. Remove berm south of fence.	*Eryngium Aristulatum* var. *parishii*	√	√
11	Recontour and weed pool.			√
12	Enlarge and recontour pool.			√
13	Enlarge pool. Remove fence and connect with existing pool on south side.	*Eryngium aristulatum* var. *parishii*		√
14	Enlarge pool. Remove fence and connect with existing pool on south side.	*Eryngium aristulatum* var. *parishii*		√
15	Enlarge pool. Remove fence and connect with existing pool on south side.	*Eryngium aristulatum* var. *parishii*		√
16	Enlarge and recontour pool.			√
17	Enlarge and recontour pool.			√
18	Enlarge, weed, and recontour pool. Remove fence to south.	*Eryngium aristulatum* var. *parishii*		√

TABLE A6-4
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE DEL MAR MESA PRESERVE
(continued)

Vernal Pool No.	Problems/Comments	Sensitive Species Present	Hand Tools	Heavy Equipment
19	Enlarge and recontour pool.			√
20	Enlarge and recontour pool.			√
21	Enlarge and recontour pool.			√
22	Enlarge and recontour pool.			√
23	Enlarge and recontour pool.			√
24	Enlarge and recontour pool.			√
25	Enlarge and recontour pool.			√
26	Enlarge and recontour pool.			√
27	Enlarge and recontour pool.			√
28	Enlarge and recontour pool.			√
29	Enlarge and recontour pool.			√
30	Enlarge and recontour pool.			√
31	Enlarge and recontour pool.			√
32	Enlarge and recontour pool.			√
33	Enlarge and recontour pool.			√
34	Enlarge and recontour pool.			√
35	Enlarge and recontour pool			√
36	Enlarge and recontour pool.			√
37	Enlarge and recontour pool.			√
38	Enlarge and recontour pool.			√
39	Enlarge and recontour pool.			√
40	Enlarge and recontour pool.			√
41	Enlarge and recontour pool.			√
42	Enlarge and recontour pool.			√
43	Smooth out road ruts and weed pool.		√	
44	Smooth out road ruts and weed pool.		√	
45	Recontour.			√
46	Recontour.			√
47	Recontour and weed pool.			√
48	Recontour and weed pool.	*Eryingium aristulatum* var.*parishii, Pogogyne ambramsii* present on north side of pool.	√	√

TABLE A6-4
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE DEL MAR MESA PRESERVE
(continued)

Vernal Pool No.	Problems/Comments	Sensitive Species Present	Hand Tools	Heavy Equipment
49	Recontour.			√
50	Recontour.			√
51	Recontour.			√
52	Recontour.			√
53	Recontour.			√
54	Recontour.			√
55	Recontour.		√	
56	Recontour.			√
57	Recontour, pool in road.			√
58	Recontour.			√
59	Recontour; and remove berm in road, join with pool #57.			√
60	Recontour; remove berm in road, join with pool #58.			√
61	Recontour.			√
62	Recontour.			√
63	Not relocated, as mapped by City of San Diego.			
64	Recontour; join with pools #65 and #68.			√
65	Recontour; join with pools #64 and #68.			√
66	Recontour; remove road berm and join with pools #67 and #69.			√
67	Recontour; join with pools #66 and #69.			√
68	Recontour; join with pools #64 and #65.			√
69	Recontour; remove road berm and join with pools #66 and #67.			√
70	Recontour; remove road berm and join with pools #71 and #72.			√
71	Recontour; join with pools #70 and #72.			√
72	Recontour; join with pools #70 and #71.			√
73	Remove road berm; join with pool #74		√	

TABLE A6-4
POTENTIAL VERNAL POOL RESTORATION
RECOMMENDATIONS FOR THE DEL MAR MESA PRESERVE
(continued)

Vernal Pool No.	Problems/Comments	Sensitive Species Present	Hand Tools	Heavy Equipment
74	Recontour pool.			√
75	Recontour pool.			√
76	Recontour pool.			√
77	Recontour and weed pool.			√
78	Recontour.			√
79	Recontour; join with pool #80.			√
80	Recontour; join with pool #79.			√
81	Recontour; join with pool #82.			√
82	Recontour; remove road berm and join with pool #81.			√
83	Recontour; remove road berm and join with pools #84 and #85. *Currently on private land.			√
84	Recontour; remove road berm and join with pool #83 and #85. *Currently on private land.			√
85	Recontour; remove road berm and join with pools #83 and #84. *Currently on private land.			√
86	Recontour; remove road berm and join with pools #87 and #88. *Currently on private land.			√
87	Recontour; remove road berm and join with pools #86 and #88.			√
88	Recontour and weed pool and join with pools #86 and #87. *Currently on private land.			√

NOTE: See Figures A6-2a-h.

*Mapped vernal pool locations have been provided by the City of San Diego, as well as by RECON. Vernal pools that have been revised, remapped, or added by RECON have been denoted. Restoration on those vernal pools that are located on private land would occur pending land acquisition. Restoration of vernal pools located in SDG&E access roads (pools #45, #46, #56-#88) would occur if they are no longer in use, or if other access roads can be used on the Preserve.